

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D205-770 REV. C
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D205-770 REV. 2

REF. TCCA STC: SH08-8

REF. FAA STC: SR02690NY / SR02070SE

REF. EASA STC: EASA.IM.R.S.01528

1.0 PURPOSE

It is acceptable to replace the AN3C12A Bolts used at the bottom of the D3686-041 Monopod with MS21250-03014 Bolts to prevent premature bolt failure in service. Customers who wish to make this substitution may procure the DSI-9571-011 Kit from Dart.

2.0 INSTALLATION

- 2.1 Temporarily suspend the weight of the engine using appropriate hoist and engine sling.
- 2.2 Unfasten qty(2) AN3C12A Bolts as shown in Figure 1 of this service instruction. Retain the D3692-1 Spacers and discard the AN3C12A Bolts and MS21043-3 Nuts.
- 2.3 Inspect the bearings for looseness in accordance with Section 5.1 of ICA-D205-770.
- 2.4 Install the MS21250-03014 Steel Tension Bolts, D3692-1 Spacers and MS21042-3 Nuts as shown in Figure 2 and ensure that the D3692-1 Spacers are correctly oriented along the face of the stud.
- 2.5 Torque bolts to 20 to 25 in-lbs (2.3 to 2.8 N-m).
- 2.6 Remove hoist and engine sling.

3.0 PARTS LIST

Qty -011	Part Number	Description
X	DSI-9571-011	BOLT SUBSTITUTION KIT
2	MS21042-3	NUT (OR MS21042L3)
2	MS21250-03014	STEEL TENSION BOLT

4.0 WEIGHT & BALANCE

This change has negligible effect on weight and balance

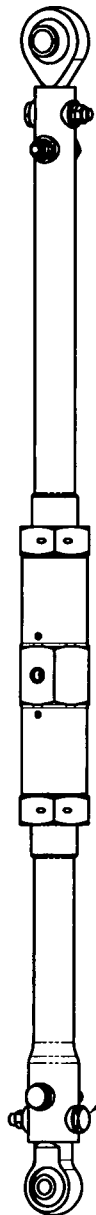
CANADA
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BRANCH
DAO # 01-O-01

APPROVED

BY: D. SHEPHERD (DE # 02)

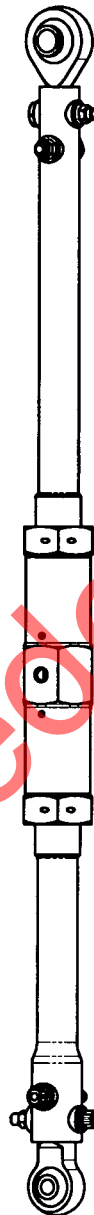
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REV.		BY	DATE
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DRAWN	<u>LB</u>		
CHECKED	<u>UP</u>	DRAWING NO.	REV. A
MFG. APPR.	<u>N/A</u>	DSI 9571	SHEET 1 OF 2
APPROVED	<u>UP</u>	TITLE	SCALE
DE APPR.	<u>UP</u>	BOLT SUBSTITUTION	NTS
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AN3C12A BOLT
D3692-1 SPACER, 2X
MS21043-3 NUT
2 PL

FIGURE 1 (WAS)



MS21250-03014 BOLT
D3692-1 SPACER, 2X
MS21042-3 NUT
2 PL

FIGURE 2 (IS)

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